CLAIMS

1. Constellation information transmitting arrangement (BiGi_TA) for use in a multi-carrier transmitter (TX) or multi-carrier receiver (RX) of a multi-carrier system, said arrangement (BiGi_TA) comprising means (BiGi_PROD) for producing carrier constellation information indicative for constellations where respective carriers will be modulated with by said multi-carrier transmitter (TX), and means (BiGi_TX) for transmitting said carrier constellation information,

CHARACTERISED IN THAT said means (BiGi_PROD) for producing carrier constellation information is adapted to produce for at least one respective carrier subset (SUBSET1, SUBSET2, ..., SUBSET8) a set of parameter values (B1, G1; B2, G2; ...; B8, G8) from which constellations of all carriers (f_0 ... f_{511}, f_{512} ... f_{1023}, ..., f_{3584} ... f_{4095}) in said at least one respective carrier subset (SUBSET1; SUBSET2; ...; SUBSET8) can be retrieved through interpolation.

2. Arrangement (BiGi_TA) according to claim 1,

CHARACTERISED IN THAT said set of parameter values (B1, G1; B2, G2; ...; B8, G8) consists of a first number of bits (B1; B2; ...; B8) and a first gain value (G1; G2; ...; G8).

3. Arrangement (BiGi_TA) according to claim 1,

CHARACTERISED IN THAT said set of parameter values consists of a first number of bits, a first gain value and a second gain value.

4. Arrangement (BiGi_TA) according to claim 3,

CHARACTERISED IN THAT said constellations of all carriers in said at least one respective carrier subset (SUBSET1; SUBSET2; ...; SUBSET8) can be retrieved through linear interpolation.

5. Arrangement (BiGi_TA) according to one of claims 1 to 4,